

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	916	thrust NEAR groove	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 13:03
L2	8092	(blood OR cardiac) NEAR pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 13:03
L3	2	L1 AND L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 13:34
L4	1073223	pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 13:35
L5	210	L1 AND L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 13:35
S1	912	600/16.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 13:42
S2	0	623/3.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 14:59
S3	20	(US-20070004959-\$ or US-20060247486-\$ or US-20060122456-\$ or US-20060089521-\$ or US-20050250975-\$ or US-20040046466-\$ or US-20030187321-\$).did. or (US-7011620-\$ or US-6719791-\$ or US-6716157-\$ or US-6605032-\$ or US-6537315-\$ or US-6527699-\$ or US-6508787-\$ or US-6346120-\$ or US-6176848-\$ or US-6135729-\$ or US-6123659-\$ or US-5947892-\$ or US-5911685-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/24 13:47

## EAST Search History

S4	55	623/3.13.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 13:45
S5	141	623/3.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/05/24 13:45
S6	1862	604/264.ccls.	US-PGPUB; USPAT	OR	OFF	2007/05/24 14:11
S7	22	straightening NEAR board	US-PGPUB; USPAT	OR	OFF	2007/05/24 14:12
S8	24	(US-20070004959-\$ or US-20060247486-\$ or US-20060122456-\$ or US-20060089521-\$ or US-20050250975-\$ or US-20040046466-\$ or US-20030187321-\$ or US-20010041934-\$ or US-20040210202-\$).did. or (US-7011620-\$ or US-6719791-\$ or US-6716157-\$ or US-6605032-\$ or US-6537315-\$ or US-6527699-\$ or US-6508787-\$ or US-6346120-\$ or US-6176848-\$ or US-6135729-\$ or US-6123659-\$ or US-5947892-\$ or US-5911685-\$ or US-5507629-\$ or US-6989024-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/24 14:23
S9	41	("5385581" "6015272" "2001005333 0" "5676162" "5725357" "5911558"  "6071093" "20020094281" "200201 02169" "20040234397" "4763032" " 4779614" "4944748" "5078741" "51 12200" "5126610" "5211546" "5326 344" "5399074" "5405251" "550762 9" "5575630" "5588812" "5601418"  "5683231" "5686772" "5695471" " 5705218" "5729065" "5746575" "58 03720" "5863179" "5947703" "6080 133" "6100618" "6234998" "636808 3" "6688861" "20010031210" "6015 272" "6244835" "6447265").PN.	US-PGPUB; USPAT	OR	OFF	2007/05/24 14:24

## EAST Search History

S10	29	(US-20070004959-\$ or US-20060247486-\$ or US-20060122456-\$ or US-20060089521-\$ or US-20050250975-\$ or US-20040046466-\$ or US-20030187321-\$ or US-20010041934-\$ or US-20040210202-\$ or US-20010031210-\$).did. or (US-7011620-\$ or US-6719791-\$ or US-6716157-\$ or US-6605032-\$ or US-6537315-\$ or US-6527699-\$ or US-6508787-\$ or US-6346120-\$ or US-6176848-\$ or US-6135729-\$ or US-6123659-\$ or US-5947892-\$ or US-5911685-\$ or US-5507629-\$ or US-6989024-\$ or US-6447265-\$ or US-6244835-\$ or US-5211546-\$ or US-5112200-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/24 14:27
S11	25	S10 AND magnet	US-PGPUB; USPAT	OR	ON	2007/05/24 14:28
S12	81	("3143972"   "3433163"   "3608088"   "3938913"   "3970408"   "4135253"   "4507048"   "4625712"   "4688998"   "4704121"   "4763032"   "4779614"   "4817586"   "4846152"   "4895557"   "4906229"   "4908012"   "4944722"   "4957504"   "4984972"   "5049134").PN. OR ("5211546"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 15:20
S13	0	(anistropic NEAR magnet) AND (blood NEAR pump)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 15:21
S14	0	(anistropic WITH magnet) AND (blood NEAR pump)	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 16:18
S15	1	"6368075".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/24 16:18
S16	19	("3512851"   "3614181"   "3623835"   "4057369"   "4398773"   "4688998"   "4763032"   "4779614"   "4812694"   "4948348"   "5126610"   "5211546"   "5385581"   "5695471").PN. OR ("6368075"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/24 16:18

## EAST Search History

S17	31	(US-20070004959-\$ or US-20060247486-\$ or US-20060122456-\$ or US-20060089521-\$ or US-20050250975-\$ or US-20040046466-\$ or US-20030187321-\$ or US-20010041934-\$ or US-20040210202-\$ or US-20010031210-\$).did. or (US-7011620-\$ or US-6719791-\$ or US-6716157-\$ or US-6605032-\$ or US-6537315-\$ or US-6527699-\$ or US-6508787-\$ or US-6346120-\$ or US-6176848-\$ or US-6135729-\$ or US-6123659-\$ or US-5947892-\$ or US-5911685-\$ or US-5507629-\$ or US-6989024-\$ or US-6447265-\$ or US-6244835-\$ or US-5211546-\$ or US-5112200-\$ or US-7052253-\$ or US-6581476-\$).did.	US-PGPUB; USPAT	OR	OFF	2007/05/25 10:35
S18	1	"5211546".pn.	US-PGPUB; USPAT	OR	OFF	2007/05/25 10:35
S19	250	impellar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 14:59
S20	6685	blood NEAR pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 14:59
S21	3	S19 AND S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	OFF	2007/11/13 14:59
S22	260	impellar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/13 15:01
S23	7763	blood NEAR pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/13 15:20

## EAST Search History

S24	3	S22 AND S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/13 15:00
S25	90293	impeller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/13 15:01
S26	782	S23 AND S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/13 15:02
S27	1050627	gap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/13 15:02
S28	292	S26 AND S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/13 15:02
S29	471	cardiac NEAR pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/13 15:27
S30	87	S25 AND S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 10:23
S31	27	antaki-james-f.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 11:04
S32	46	impeller AND (thrust NEAR groove)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 11:05
S33	8092	(blood OR cardiac) NEAR pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 11:05

## EAST Search History

S34	2	S32 AND S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 11:06
S35	1	"6015272".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2007/11/14 13:03